

Figure 1

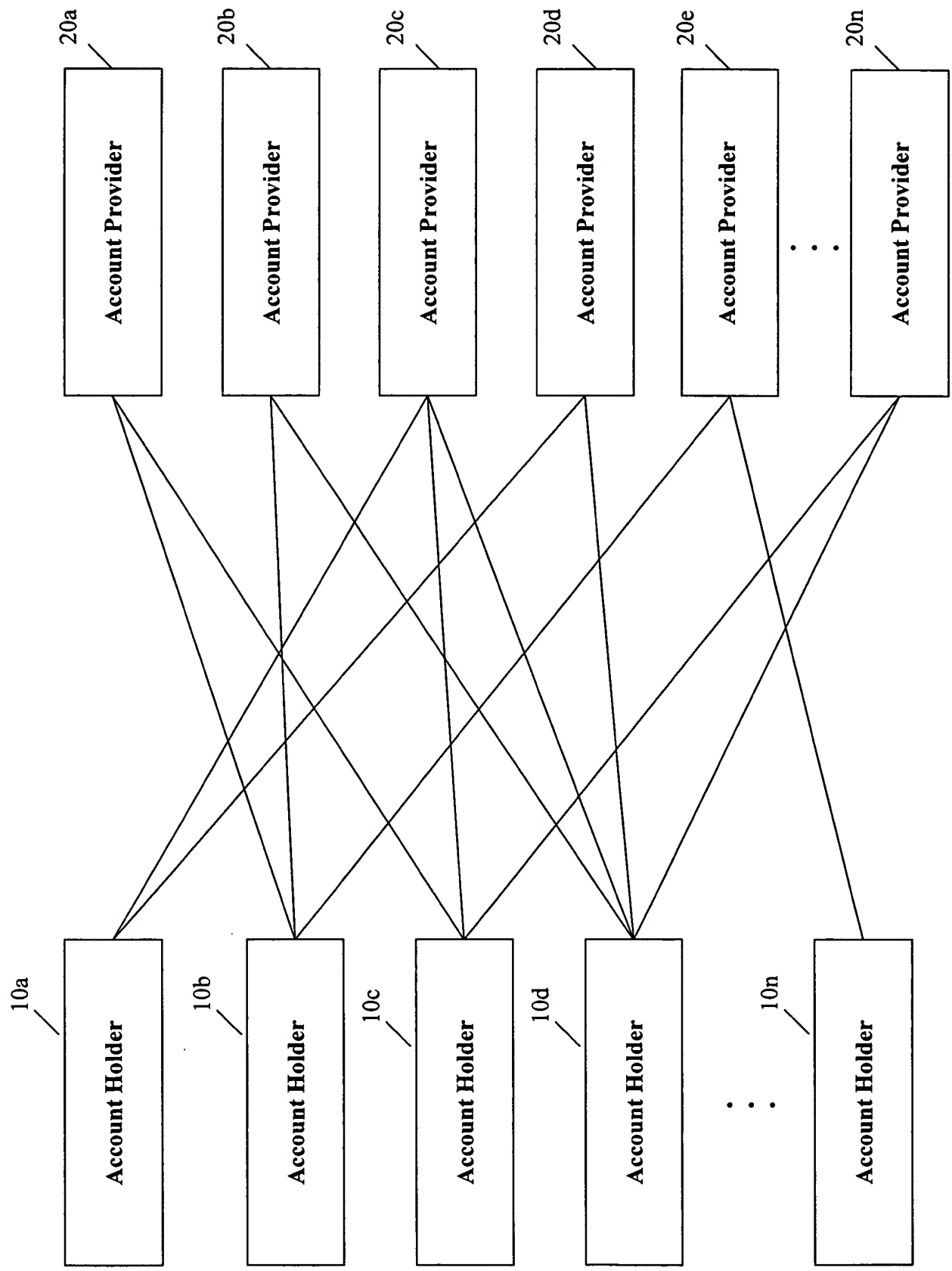


Figure 2

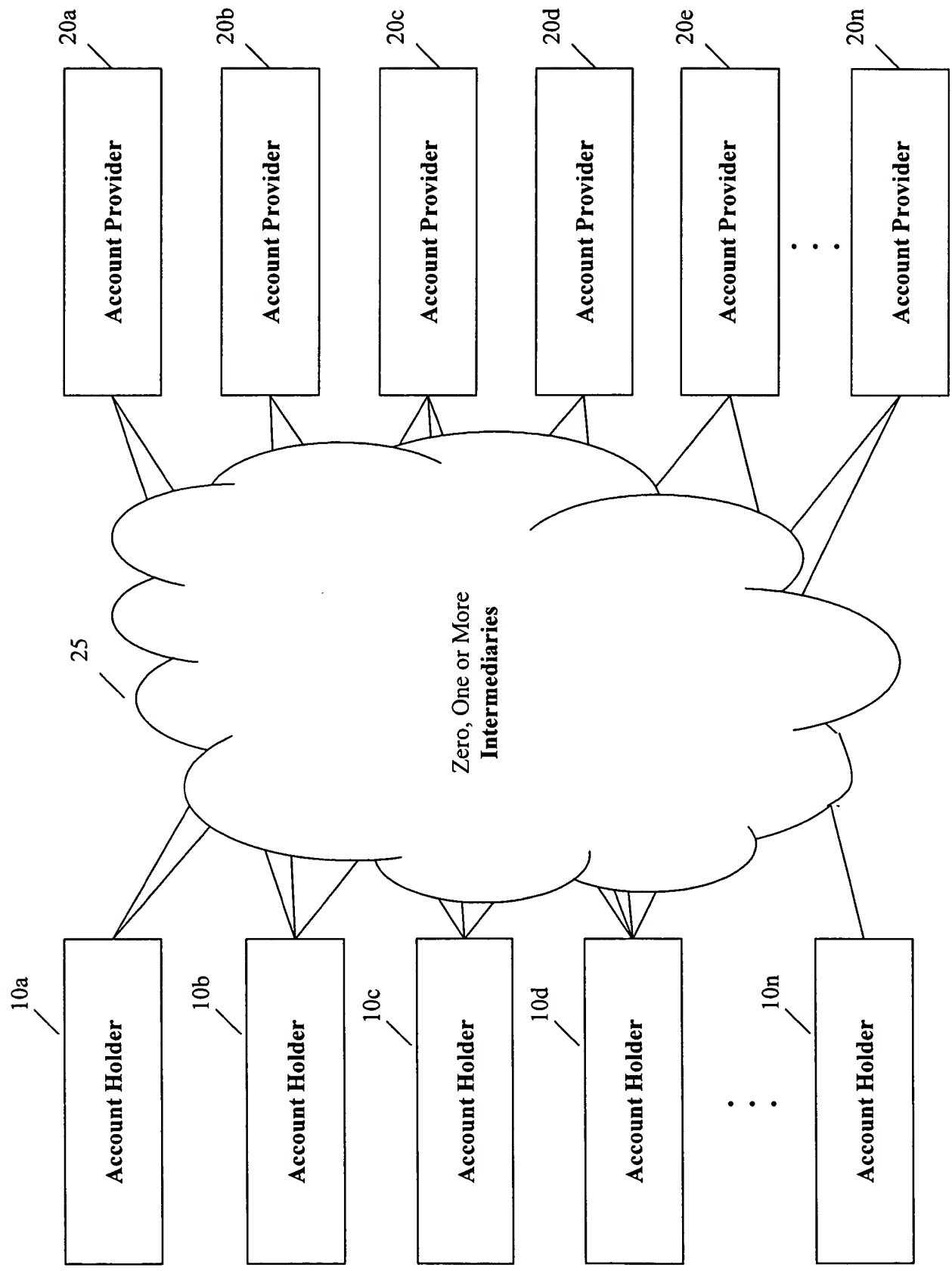
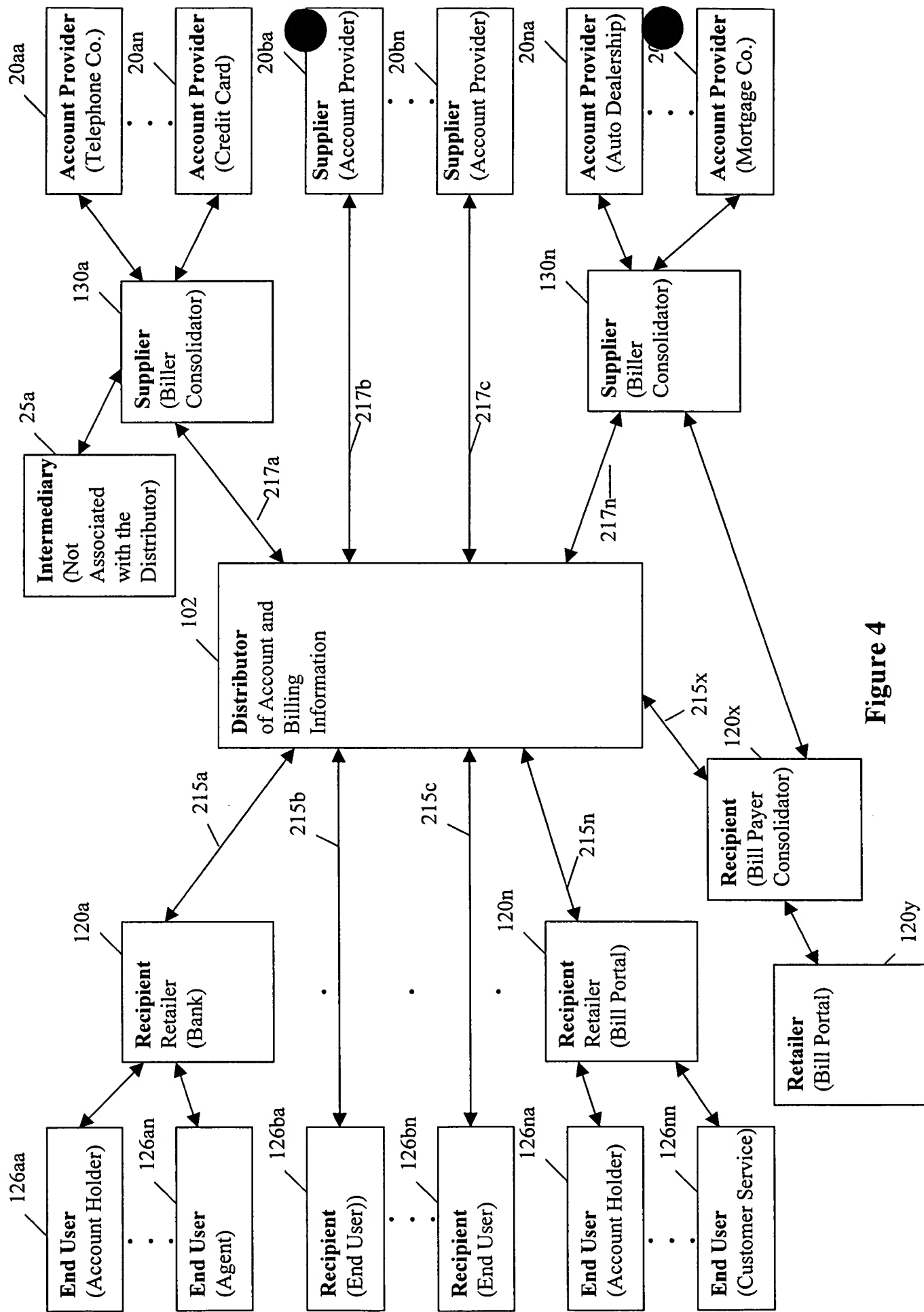


Figure 3



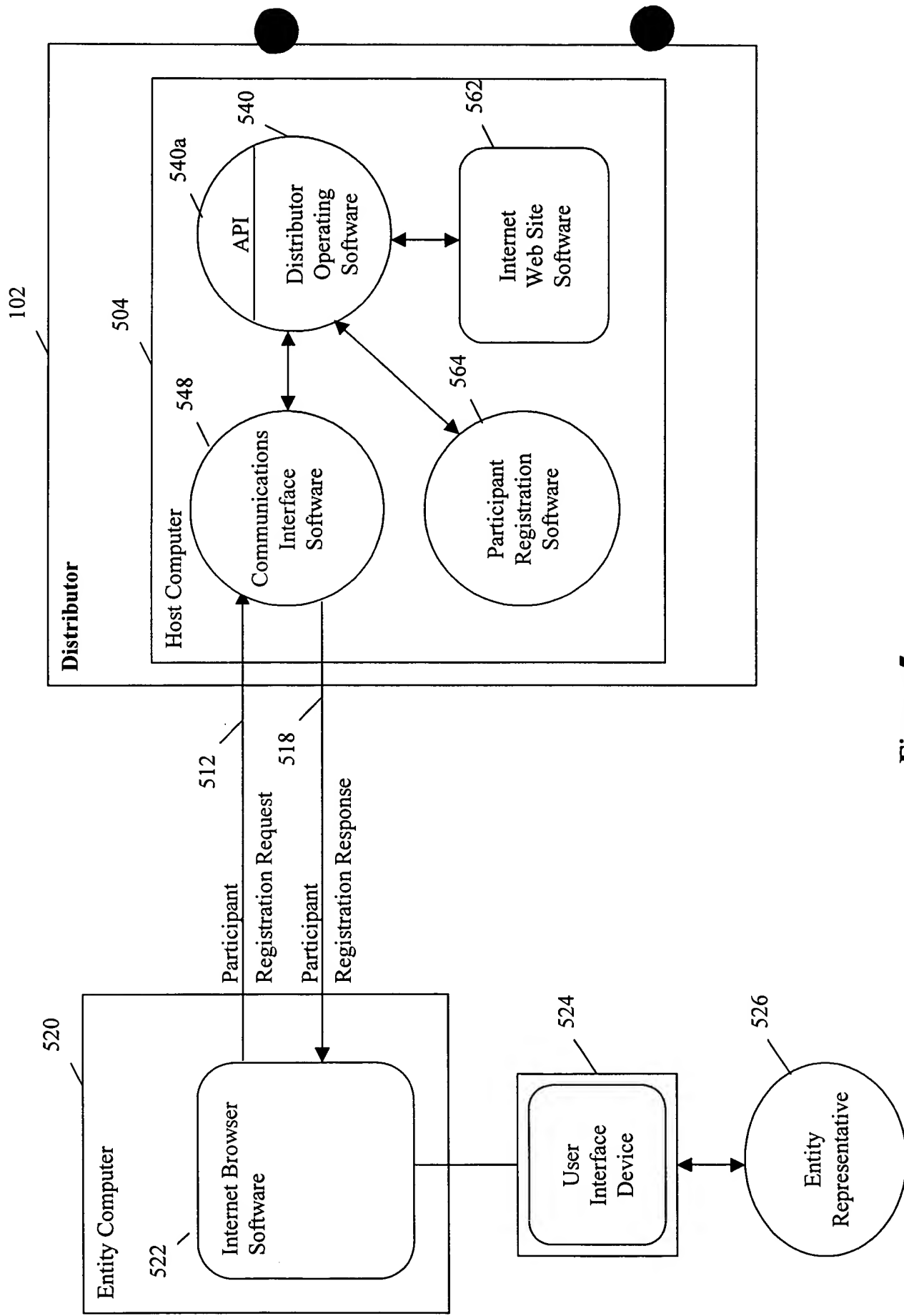


Figure 5

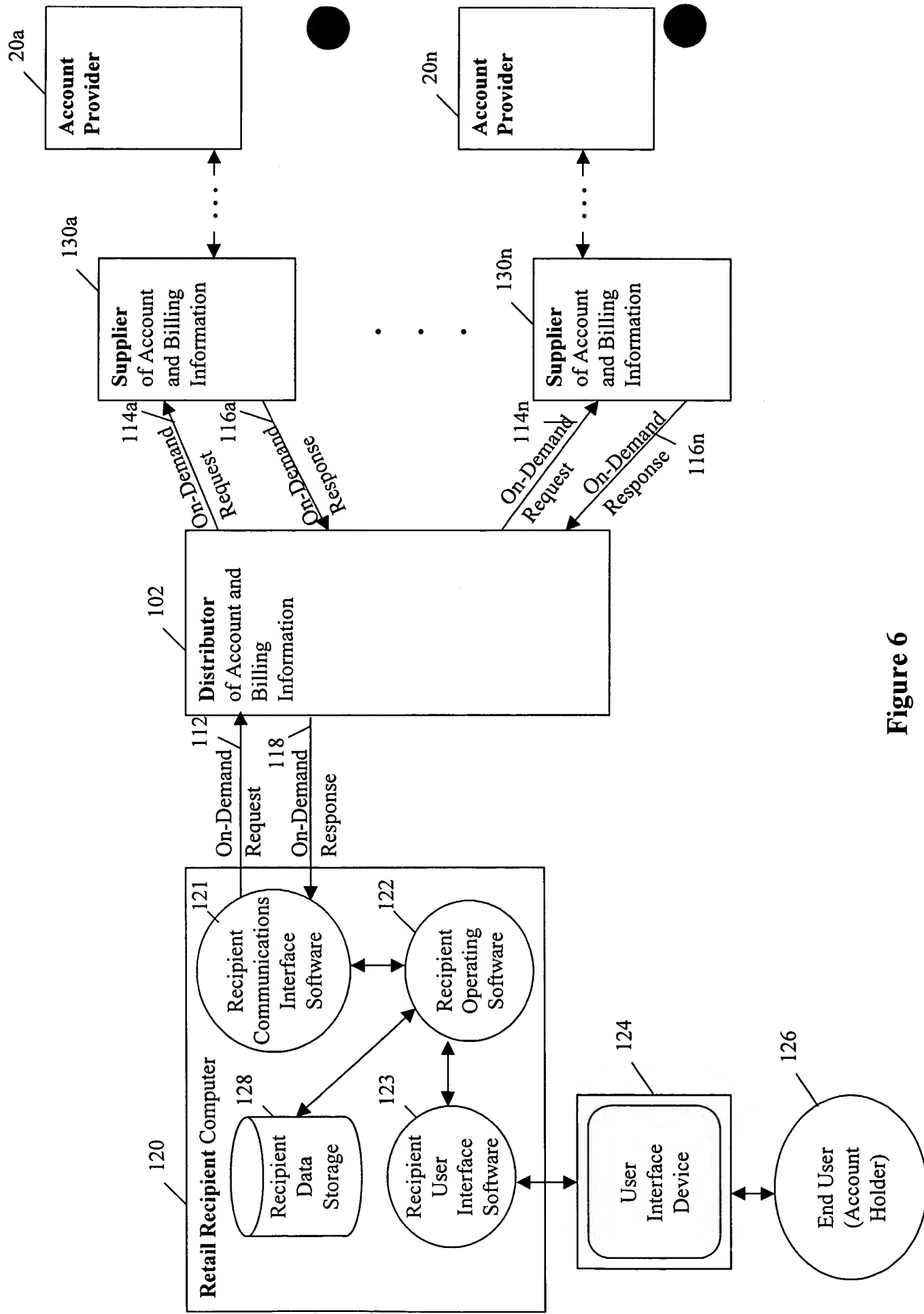


Figure 6

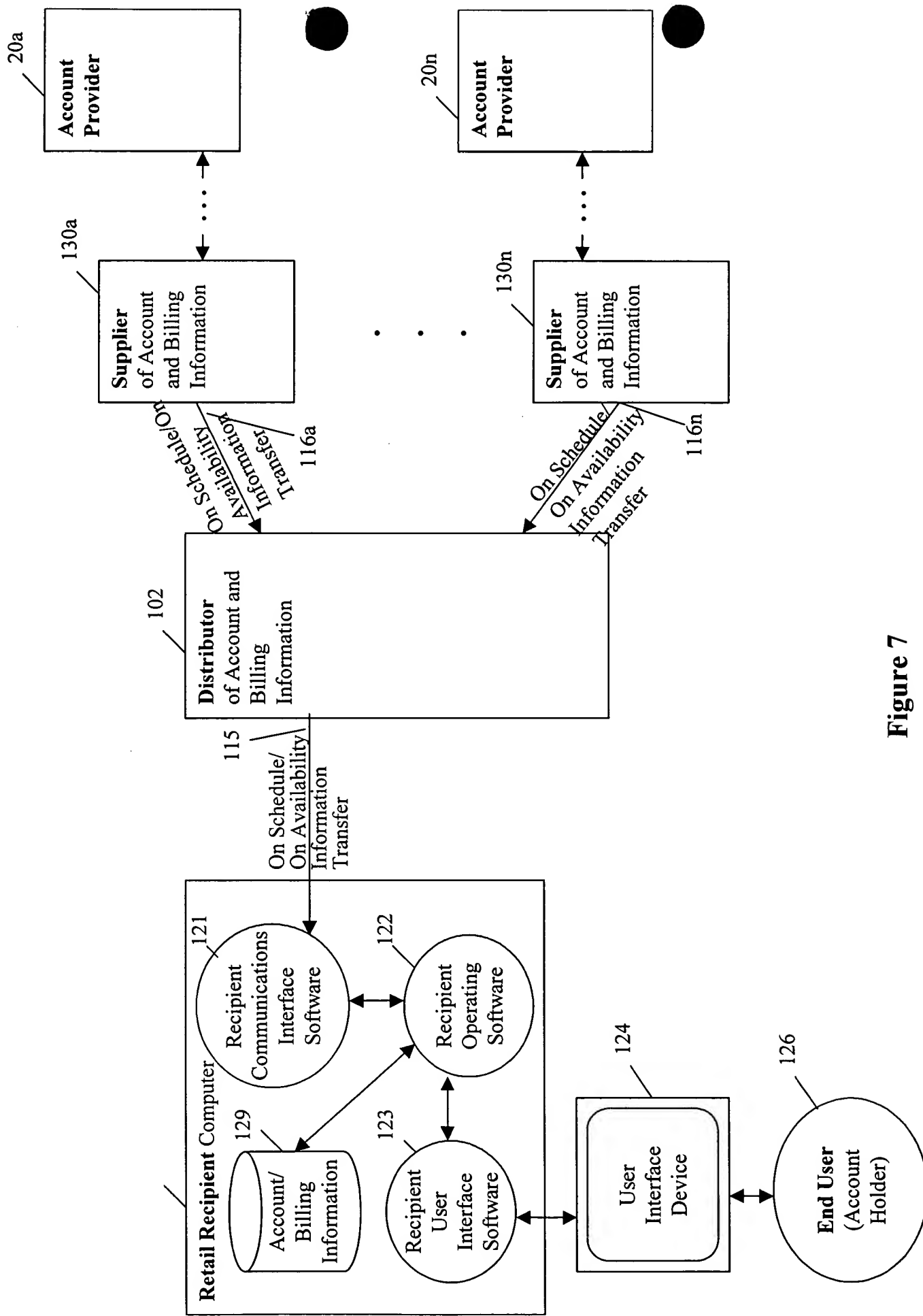


Figure 7

Summary Account and Billing Information

800

Summary Account and Billing Information

802
John Doe 804
24 Smith Street 806
Boston, MA

	810	812	814
	<u>Date</u>	<u>Account</u>	<u>Amount</u>
820	10/28/90	New England Gas	64.90
822	11/1/90	International Credit Card	655.22
824	11/5/90	Boston Power	<u>43.24</u>
		Total	763.36

826

Pay Now

830

Figure 8

Figure 9: Detailed Account and Billing Information

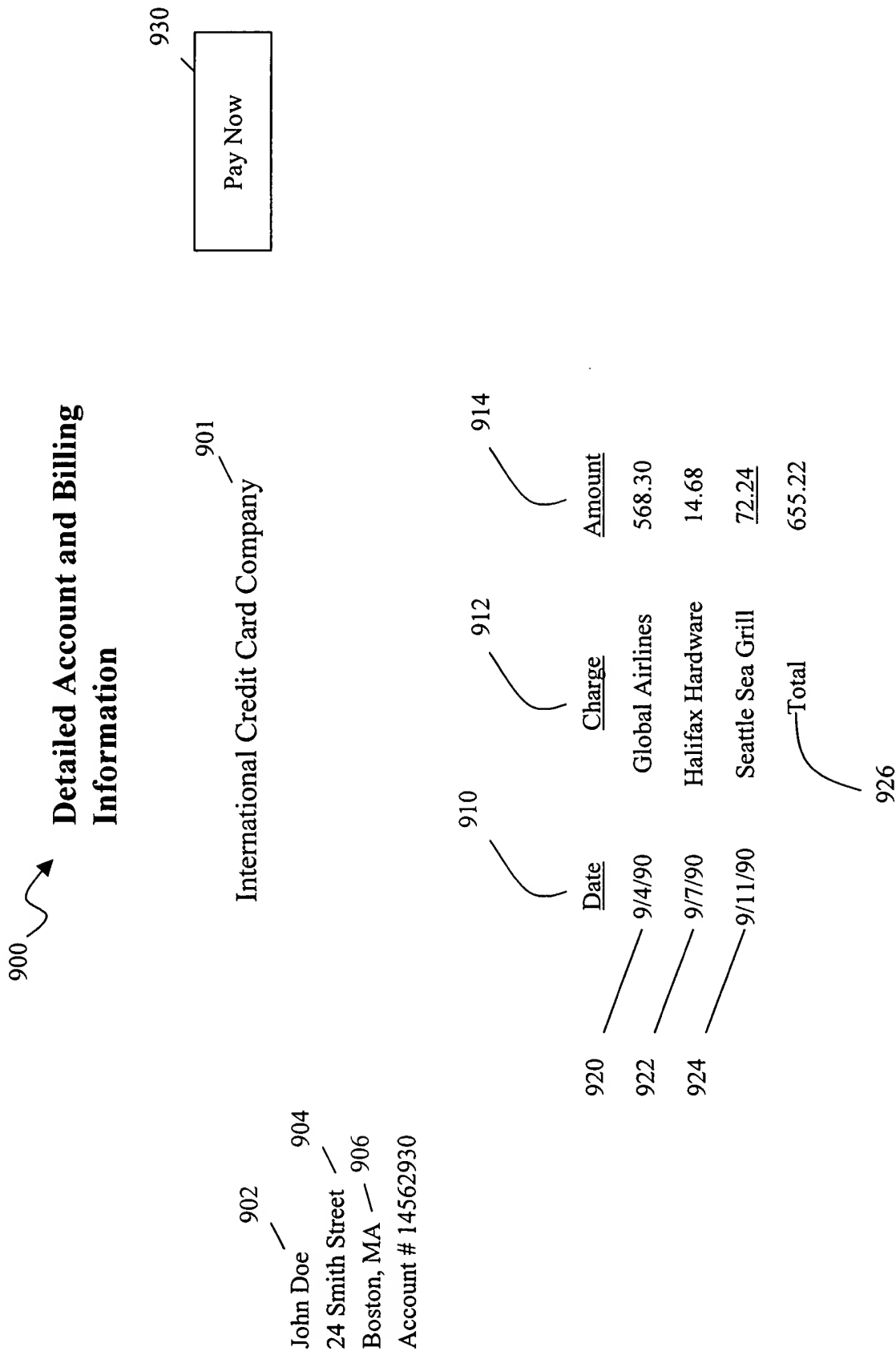


Figure 9

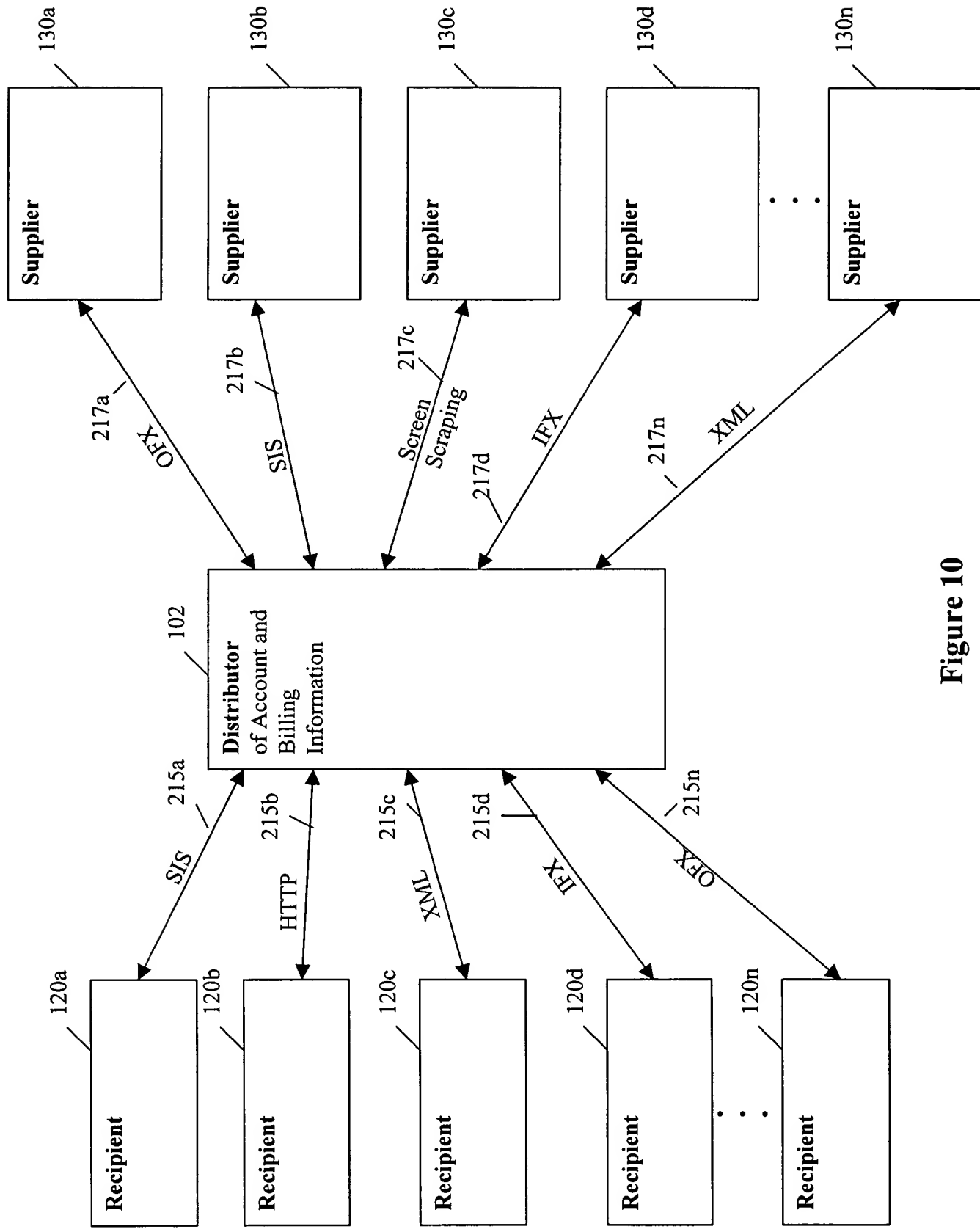


Figure 10

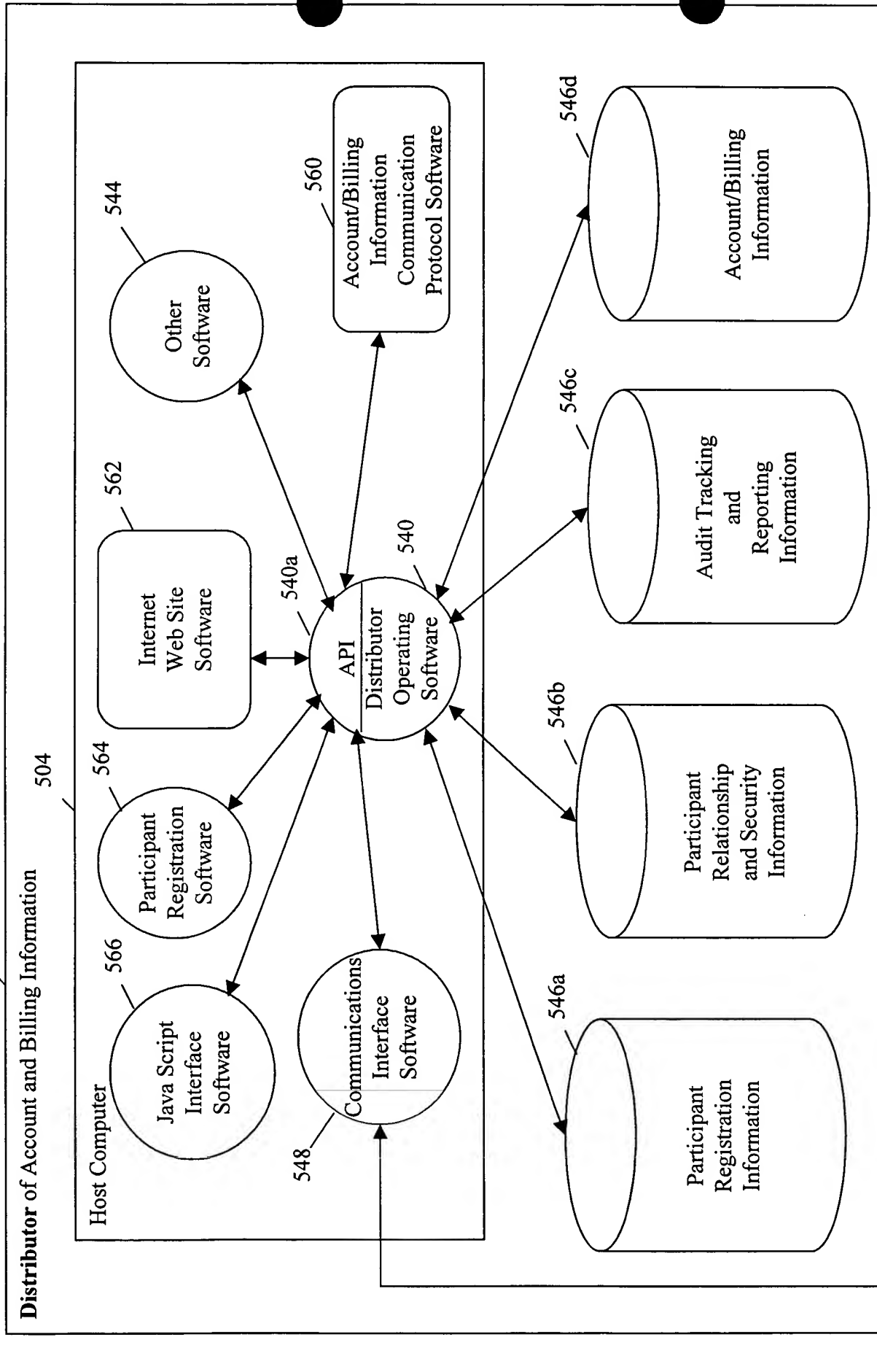
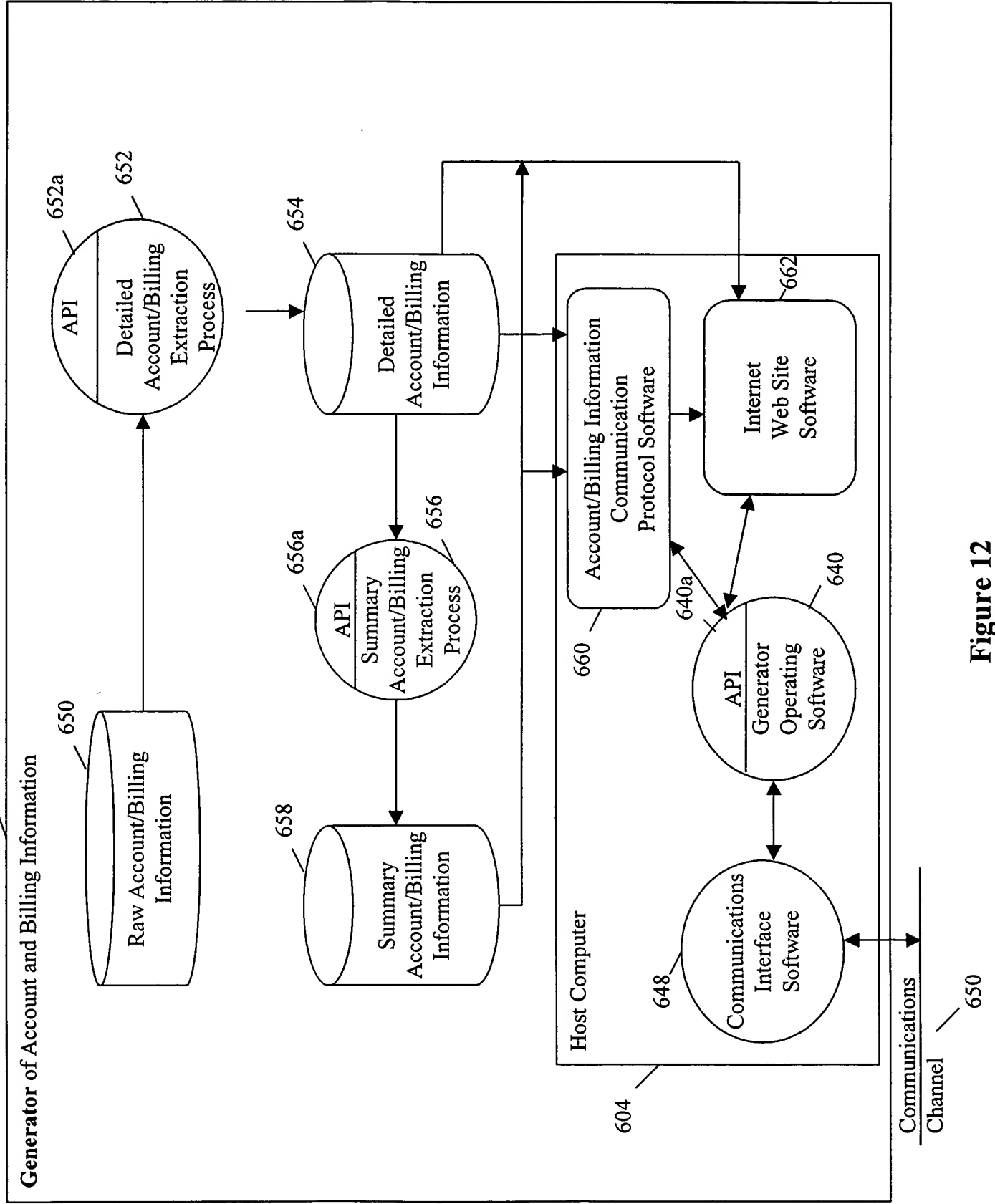


Figure 11



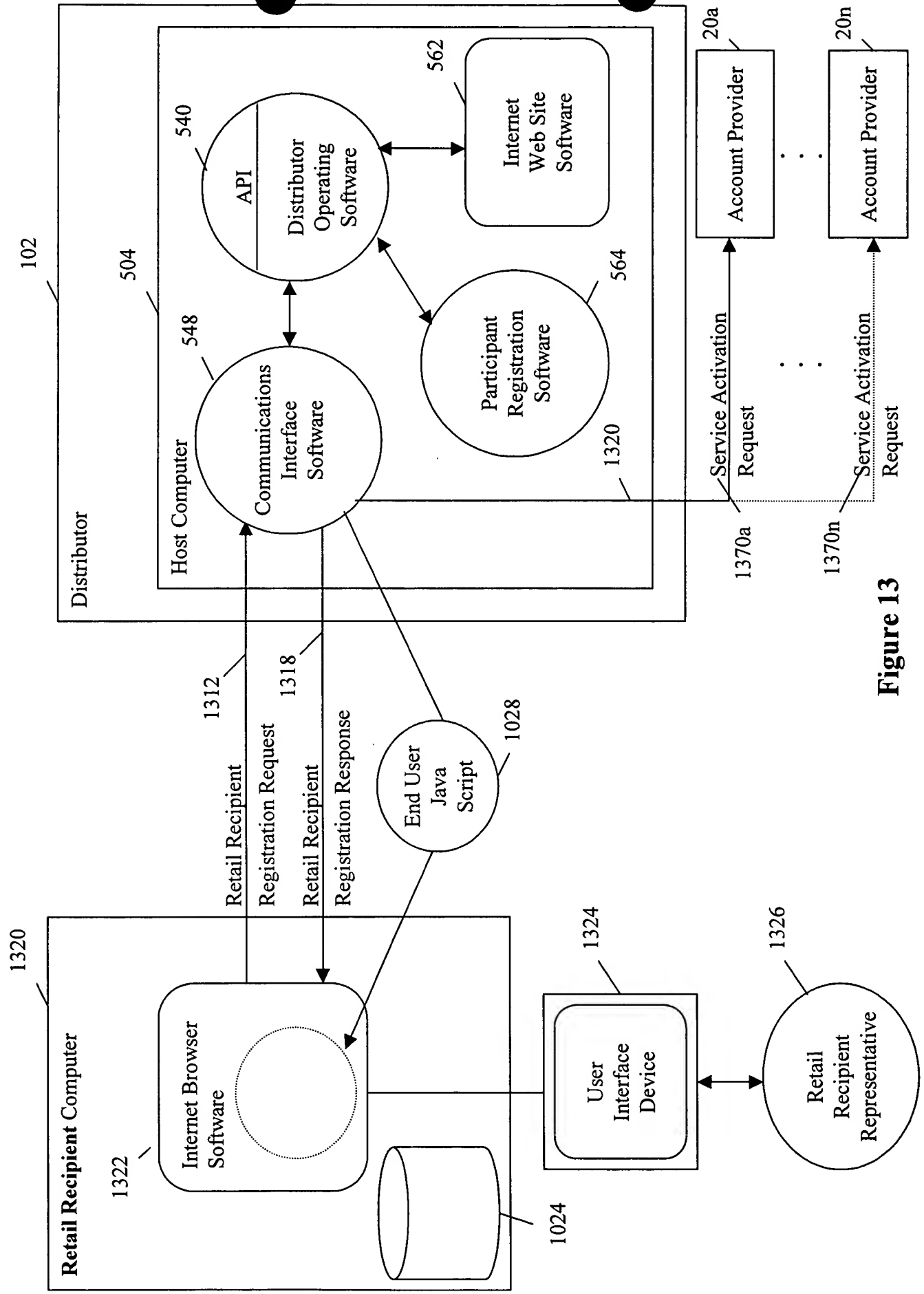


Figure 13

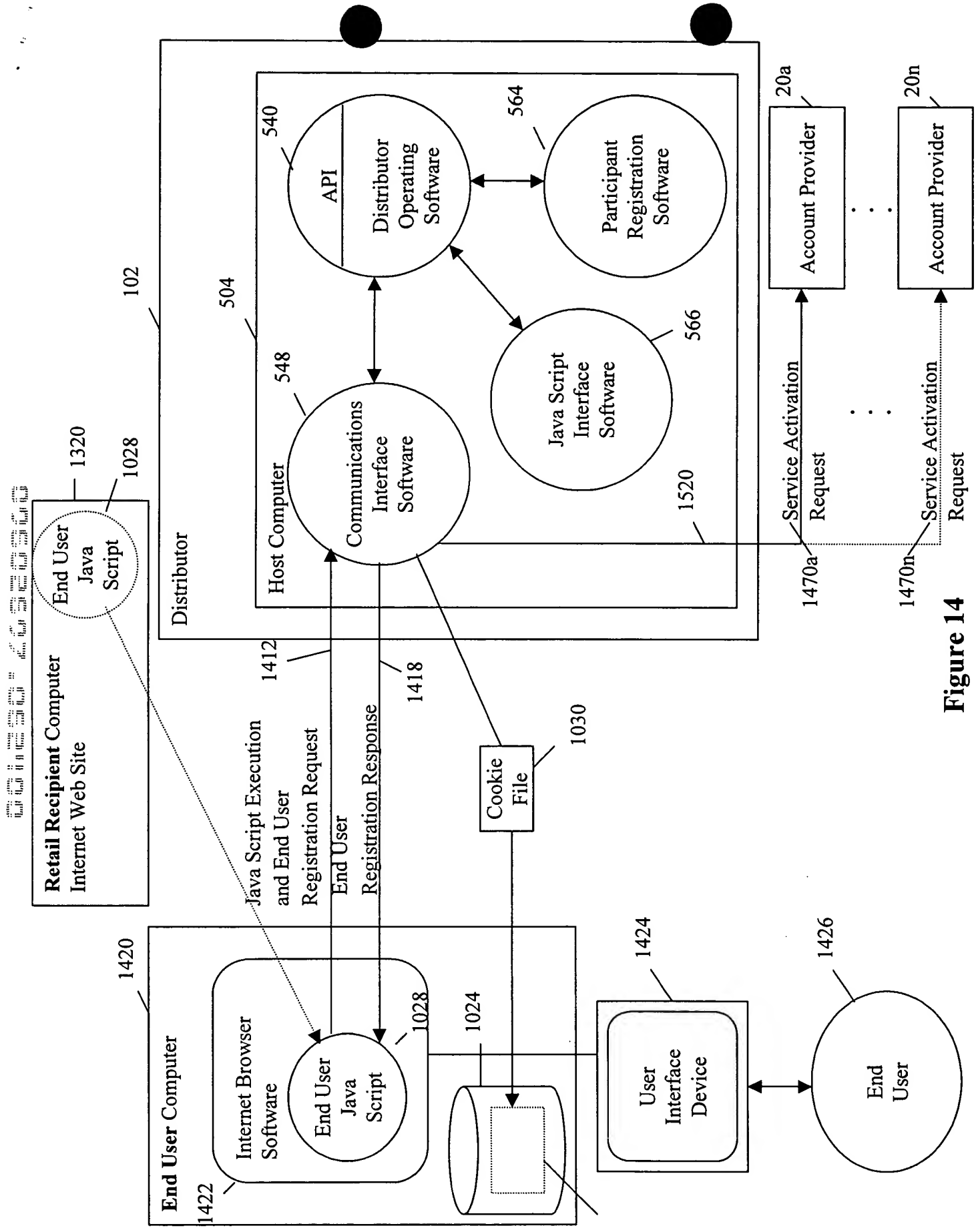


Figure 14

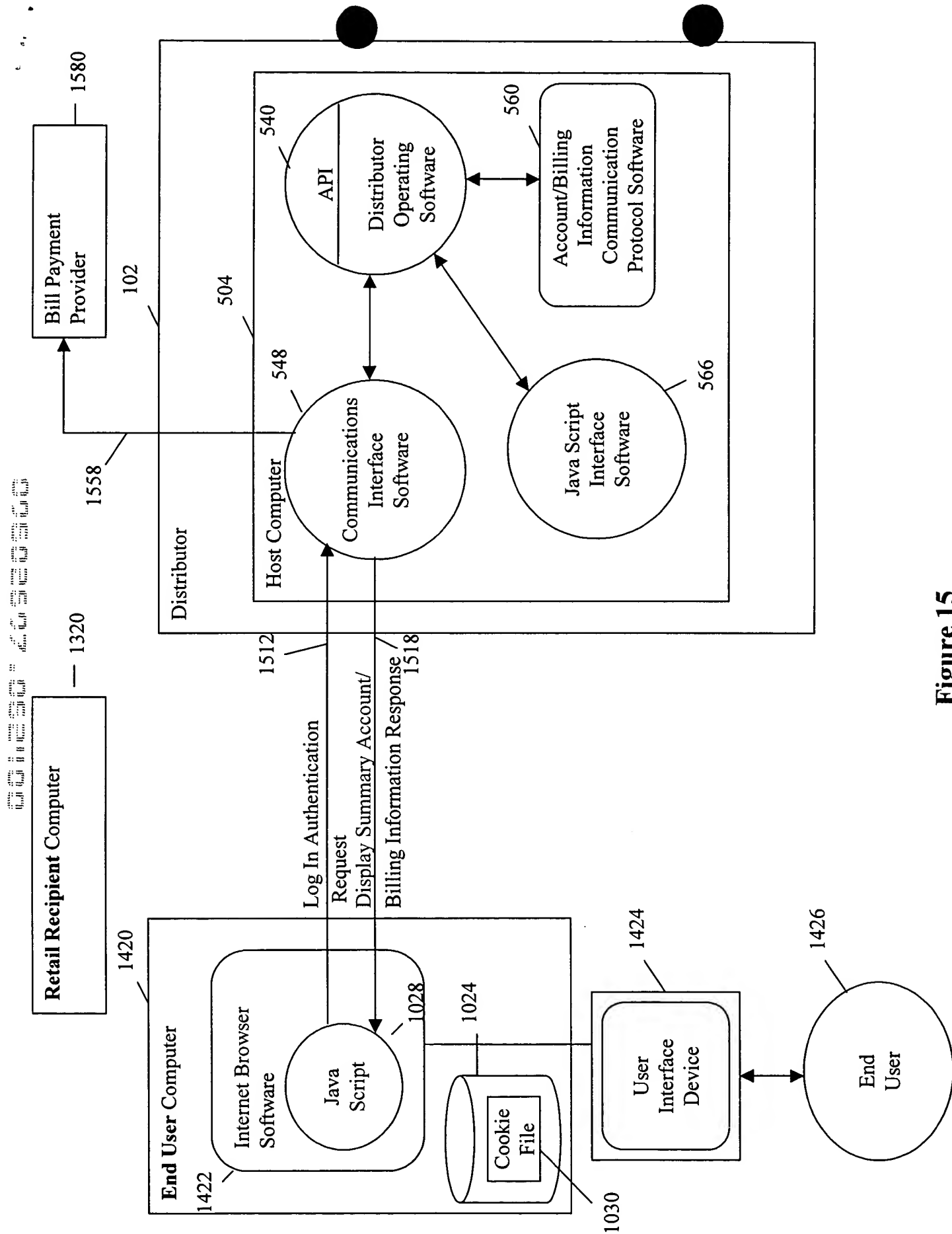


Figure 15

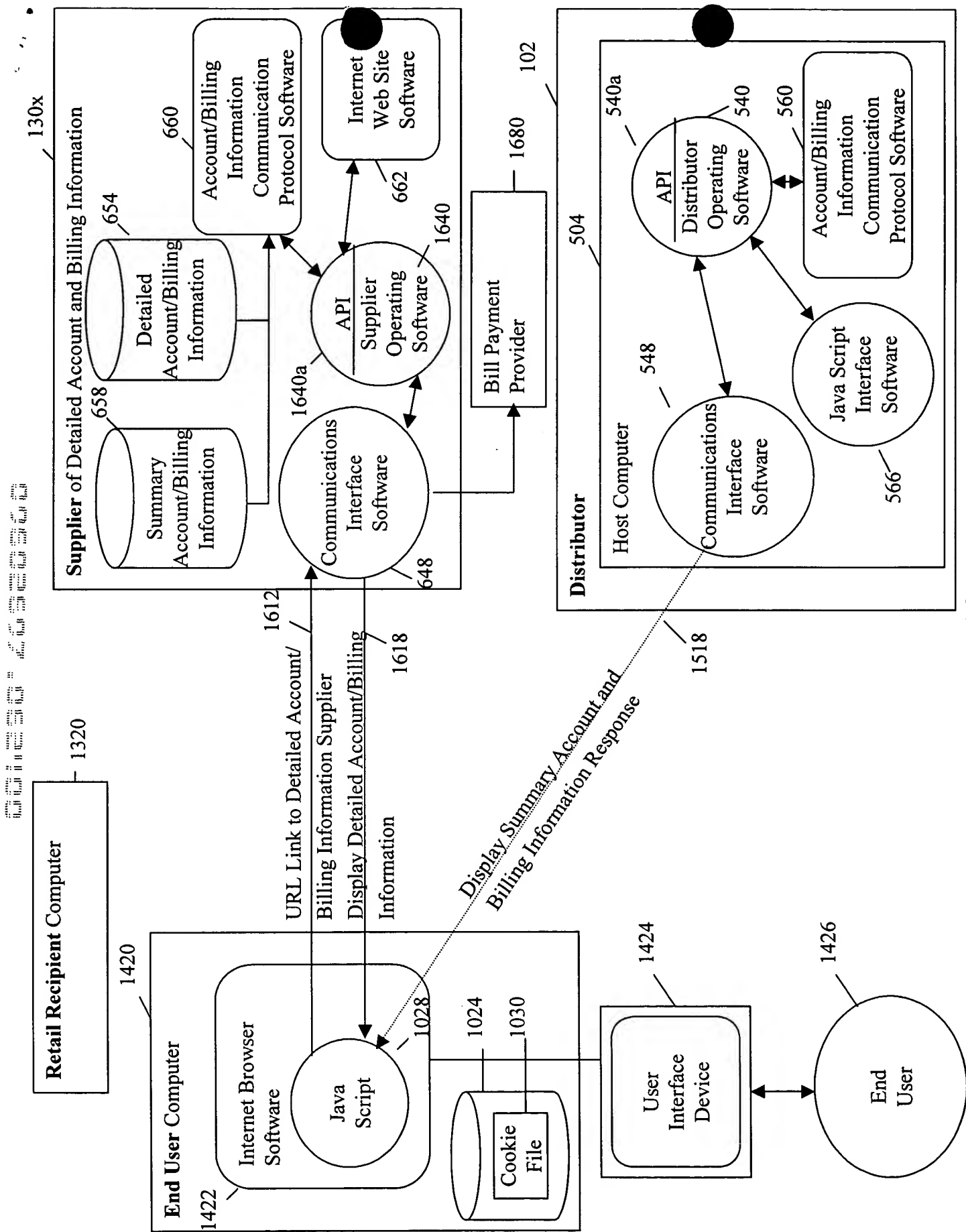


Figure 16

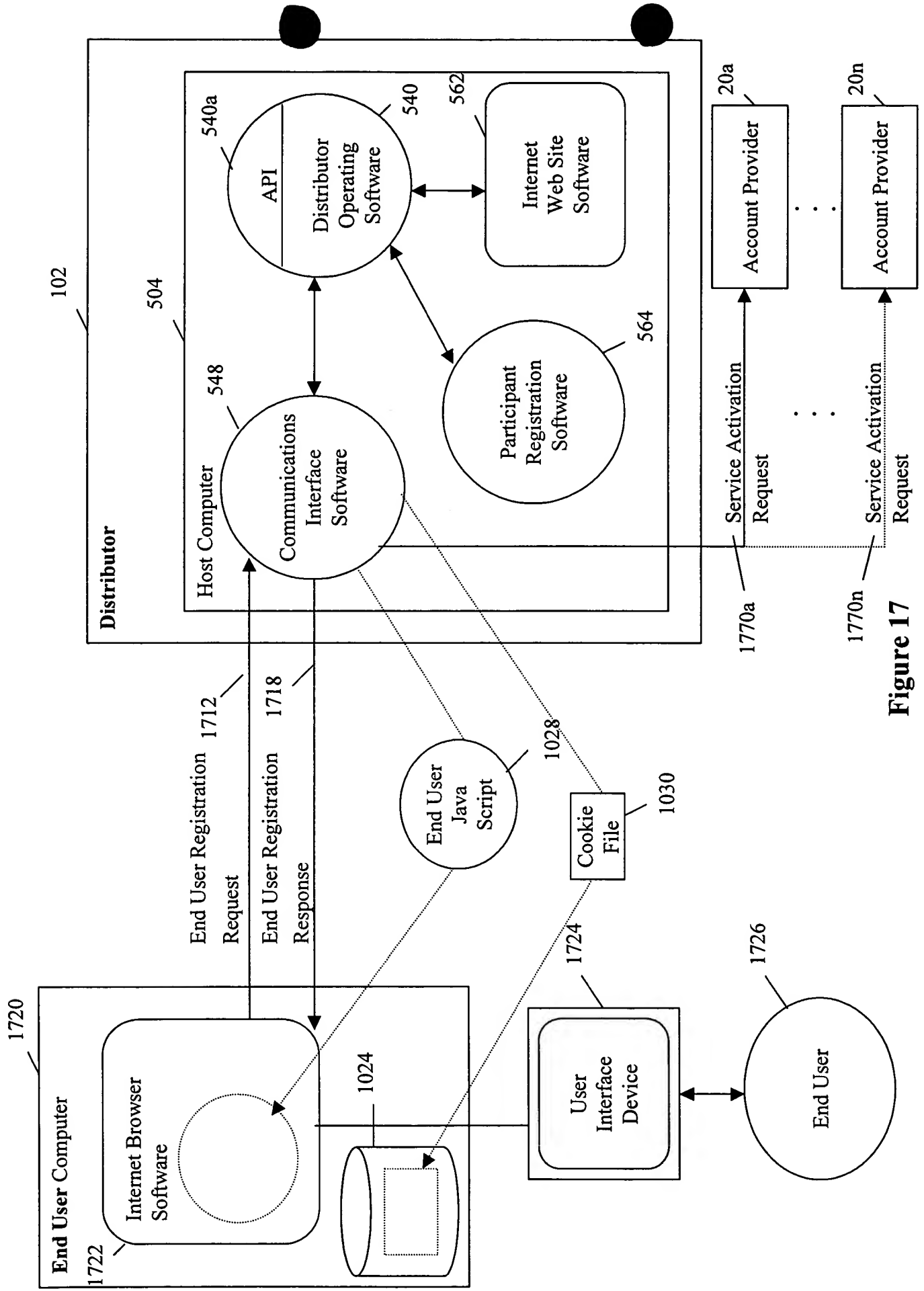


Figure 17

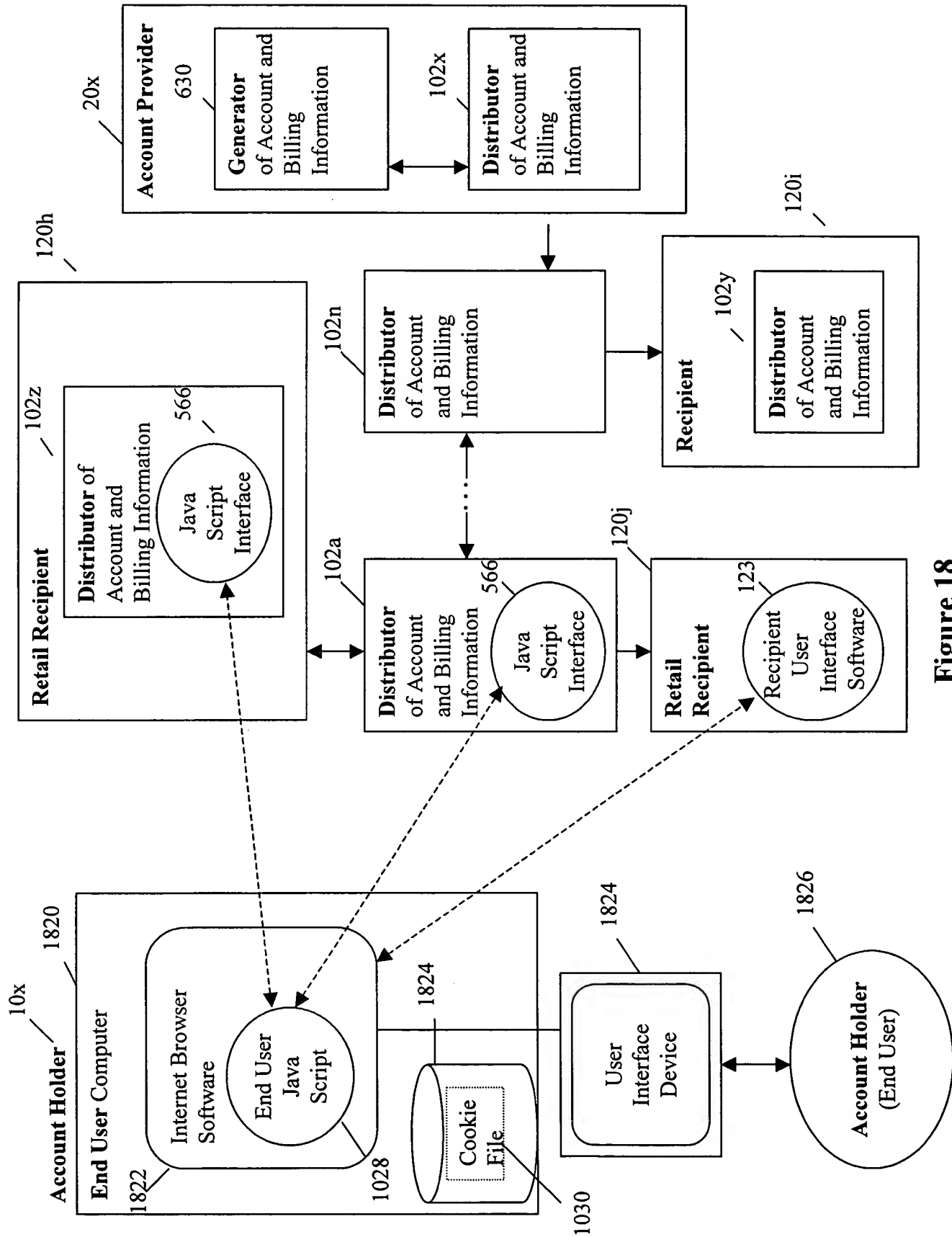


Figure 18

Vertical Table (Column Descriptions)

22 ENTITY_ID	24 TABLE_ID	26 COL_ID	28 TYPE	30 LENGTH	32 ORDER	34 REQUIRED	36 STATE	38 LABEL	VALIDATION	FORMAT	STYLE	DISC	ETC...
Company1	AccountInfo	c01	CHAR	50	1	Y	Active	ACC No.					
Company1	AccountInfo	c02	CHAR	255	2	N	Active	Username					
Company1	AccountInfo	c03	Private		4	N	Active	PassCode					
Company1	AccountInfo	c04	DATE		3	N	Active	Birthday					
Company2	BillInfo	c01	CHAR	255	1	Y	Active	Username					
Company2	BillInfo	c02	CHAR	255	3	Y	Active	ACC No.					
Company2	BillInfo	c03	CHAR	255	2	N	Inactive	PassCode					

Variable sized and positioned table dependent
forms determined at run-time

40
Company1

42 ACC No. 44

46 Username 48

50 Birthday 52

54 PassCode 58

60
Company2

62 Username 64

70 ACC No. 72

82 DISTRIBUTOR USER ID	84 ACCOUNT PROVIDER USER_ID	86 TABLE_ID	88 COL_ID	90 ENTERED VALUE
TOM SMITH	TSMITH-14	AccountInfo	c01	223345676
TOM SMITH	TSMITH-14	AccountInfo	c02	TSMITH-14
TOM SMITH	TSMITH-14	AccountInfo	c04	XXXXXX
ROBERT JONES	BJONES-11	BillInfo	c01	BJONES-11
ROBERT JONES	BJONES-11	BillInfo	c02	3439953232

Figure 19

Vertical Table (Data Collected)